

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Rainer RICHTER et al.  
Title: FLAT PIPE-SHAPED HEAT EXCHANGER  
Appl. No.: Unassigned  
Filing Date: 01/31/2005  
Examiner: Unassigned  
Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

**RELEVANCE OF EACH DOCUMENT**

Documents A2-A8 listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding International application. Copies of these documents are not being provided since copies should have been provided directly by WIPO under an exchange program between the PTO, the EPO and the JPO. A copy of the International Search Report setting forth the portion of each reference considered relevant by the examiner is attached.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date January 31, 2005

By



FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5414  
Facsimile: (202) 672-5399

Richard L. Schwaab  
Attorney for Applicant  
Registration No. 25,479

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: January 31, 2005 <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b> <span style="float: right; font-family: monospace; font-size: 1.2em;">10/522920</span> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Application Number</td> <td>Unassigned</td> </tr> <tr> <td>Filing Date</td> <td>01/31/2005</td> </tr> <tr> <td>First Named Inventor</td> <td>Rainer RICHTER</td> </tr> <tr> <td>Group Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>016906-0365</td> </tr> </table>		Application Number	Unassigned	Filing Date	01/31/2005	First Named Inventor	Rainer RICHTER	Group Art Unit	Unassigned	Examiner Name	Unassigned	Attorney Docket Number	016906-0365
Application Number	Unassigned														
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Group Art Unit	Unassigned														
Examiner Name	Unassigned														
Attorney Docket Number	016906-0365														
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	3,250,325		RHODES ET AL.	05-10-1966	
	A2	6,308,527	B1	KUROYANAGI ET AL.	10-30-2001	
	A3	5,271,458		YAMAMOTO ET AL.	12-21-1993	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	A4	EP	1 103 316	A2	CALSONIC KANSEI CORP.	05-30-2001	
	A5	EP	0 641 615	B1	NIPPONDENSO CO., LTD.	01-29-1997	
	A6	JP	1-305296	A	DIESEL KIKI CO., LTD.	12-08-1989	
	A7	JP	63-61892	A	NIPPON DENSO CO., LTD.	03-18-1988	
	A8	EP	1 111 318	A1	DELPHI TECHNOLOGIES, INC.	06-27-2001	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		

Examiner Signature	/Mohammad Ali/ (10/08/2010)	Date Considered	10/08/2010
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.A./ (10/08/2010)